

Sub E1  
6. (Once amended) A method of treating a neoplasia in a mammal in accordance with claim 2, wherein said gene encodes a member selected from the group consisting of herpes simplex virus thymidine kinase (HSV-TK), cytosine deaminase, xanthine-guaninephosphoribosyl transferase, purine nucleoside phosphorylase, cytochrome P450 2B1.

Please add new claims 47-61.

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47. (New) A method of treating a neoplasia in a mammal, said method comprising administering to said mammal a serum-stable nucleic acid-lipid particle comprising a nucleic acid portion that is fully encapsulated within the lipid portion, wherein said administration is by injection at an injection site that is distal to said neoplasia in said mammal; and wherein said neoplasia is responsive to the gene product of the nucleic acid.

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48. (New) A method of treating a neoplasia in a mammal, said method comprising administering to said mammal a serum-stable nucleic acid-lipid particle comprising a nucleic acid portion that is fully encapsulated within the lipid portion, wherein said administration is by injection at an injection site that is distal to said neoplasia in said mammal; and wherein cells of said neoplasia are transfectable by said nucleic acid-lipid particle.

49. (New) The method of claim 47, wherein said nucleic acid encodes a member selected from the group consisting of: suicide enzymes, toxins, tumor suppressor genes, and cytokines.

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50. (New) The method of claim 47, wherein said nucleic acid encodes a suicide enzyme.

51. (New) The method of claim 47, wherein said nucleic acid encodes a toxin.

52. (New) The method of claim 47, wherein said nucleic acid encodes a tumor suppressor protein.

53. (New) The method of claim 47, wherein said nucleic acid encodes a cytokine.

54. (New) The method of claim 50, wherein the suicide enzyme is a member selected from the group consisting of: HSV-TK, purine nucleoside phosphorylase, and cytosine deaminase.

55. (New) The method of claim 50, wherein the neoplasia is

melanoma.

56. (New) The method of claim 50, wherein the neoplasia is colorectal

cancer.

57. (New) The method of claim 50, wherein the neoplasia is sarcoma.

58. (New) The method of claim 51, wherein the toxin is *Pseudomonas* exotoxin.

59. (New) The method of claim 51, wherein the tumor suppressor protein is apoptin.

60. (New) The method of claim 51, wherein the cytokine is IL-12.

61. (New) The method of claim 51, wherein administration of the serum-stable nucleic acid-lipid particle is intravenous.

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